

ABSTRACT OF THE DISCLOSURE

The invention relates to nanocapsules with a size ranging between 50 nm and 10  $\mu\text{m}$  diameter whose envelope layer consists of at least two different, cross-linked polymers P1 and P2. Optionally, a lipid layer may be present underneath said envelope layer. The inventive nanocapsules are produced by covalently cross-linking at least two different water-soluble polymers P1 and P2 on the surface of liposomes. Optionally, the liposomes are dissolved once the polymers are cross-linked. the inventive nanocapsules can carry biologically active compounds.

100750 249760